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Call for Papers

International Emission Inventory Conference “One Atmosphere, One Inventory, Many Challenges”

“One Atmosphere, One Inventory, Many Challenges” will be held April 30 - May 3, 2001, at the Adams Mark Hotel in downtown Denver, Colorado. This is the tenth annual symposium on emission inventories and is sponsored by the U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Emission Factor and Inventory Group, with the assistance of the Western Regional Air Partnership and the Colorado Division of Air Pollution Control.

The technical program committee is interested in papers that describe new developments in methodologies for characterizing and inventorying air pollutant emissions, especially in emerging programs such as air toxics, regional haze, and fine particulate matter. Also of interest are papers related to continuing developments in the ozone program. This conference will provide a useful forum for exchange of ideas and information on the use of emission data between industry, the U.S. EPA, State/Local regulators, regional planning organizations, and international agencies.

Papers will be presented from the following topic areas covering criteria and regional haze pollutants and their precursors, air toxics, greenhouse gases:

- | | |
|-----------------------------------|---|
| * Regional Planning Organizations | * Integrated Emission Inventory Issues |
| * PM Fine Particles | * Air Toxics |
| * Inventory Validation | * Emission Inventory Preparation for Modeling |
| * Area Sources | * Point Sources |
| * Mobile Sources | * Emission Factors |
| * Ammonia | * Fugitive Dust |
| * Managed Burning and Wildfires | * Data Management |
| * Quality Assurance | |

Continuing education courses and an exhibit of related products and services will be held in connection with the conference technical program.

Platform and poster presentations are invited. Send (by email, mail, or fax) a 200-400 word abstract by September 30, 2000, to Sally Dombrowski of the U.S. Environmental Protection Agency, MD-14, Research Triangle Park, NC 27711, Tel: (919) 541-3269, Fax: (919) 541-0684, email: dombrowski.sally@epa.gov. Include a complete mailing address, telephone and fax numbers, E-mail address, an indication if platform or poster is preferred, and choice of session(s). Unless otherwise noted, the first author listed will be assumed to be the primary author and will be the main contact for conference correspondence.

Note: There will be no registration or fee for training courses at this conference.



Coming Soon - Update to NET Input Format - V2.0

Lee Tooly, USEPA

The NET Input Format is expected to be the most widely used format by State/ Local agencies during the next update cycle of the national criteria and toxic emission inventory. The current version of the NIF is V1.2, and its user documentation is posted under the EPA CHIEF Website (www.epa.gov/ttn/chief/ei). The next version of the NET Input Format will be V2.0, and is expected to be out in September 2000. The NIF is being updated to V2.0 in order to consolidate both criteria and toxic (HAP) emissions inventory data in one data transfer format. The V2.0 improvements are expected to make the format more efficient to implement. During the EFIG's next annual update cycle for the national criteria and toxics inventory (e.g., beginning June 2001), both V1.2 and the new V2.0 will be supported.

The following guide will determine which NIF version you should use for the June 1, 2001 update cycle: If submitting.....

- * Toxics data only - NIF V 2.0 ;
- * Criteria and toxics data - NIF 2.0 ;
- * Criteria data only - NIF V 1.2 or NIF V2.0 .

Central Data Exchange for Air Emissions Inventory Data

Lee Tooly, USEPA

The way that data is moved electronically to the EPA is changing somewhat in the future in that the Agency's Office of Environmental Information (OEI) will be operating and maintaining a centralized (and more secure) location for data receipt. We are working with the OEI now to set up a test of this new infrastructure for receiving the air emissions inventory data from State /Local agencies. Several State / Local agencies have signed up to participate. At the conclusion of the test (~March 2001), we will decide if the CDX infrastructure is ready to support the State / Local data transfer of emission inventory data in June 2001. That decision is expected to be published in April 2001.

The Central Data Exchange (CDX) is not expected to alter the respective programs' data transfer formats - in our case presently, that's the NET Input Format and EDI (Electronic Data Interchange) standard for air emissions inventory data. The CDX is expected to change the procedure(s) that state / local agencies and industry use to 'drop off' their data electronically to EPA. The EPA is also testing Central Data Exchange using 'XML' - extensible mark-up language. You may find additional information about the central data exchange at EPA on the EPA OEI Website - <http://www.epa.gov/oei/iii.htm>.

Matching of Facilities in 1996 NET and NTI

David Misenheimer, USEPA

The Emission Factor and Inventory Group is currently completing an effort to match facilities in the 1996 National Emission Trends (NET) inventory of criteria pollutants with the corresponding facilities in the 1996 National Toxics Inventory. This project is being funded by the Office of Environmental Information and supports the larger effort to build an EPA Facility Registry System that links facility information in all EPA data bases.

This project is necessary because, historically, EPA and many State/Local air pollution control agencies had different staff preparing separate emission inventories for criteria and hazardous air pollutants. These separate inventories often carried different ID's, slightly different names, and different locational data, for the same facilities. The importance of integrated inventories has increased recently due to the fact that many of the programs that use inventory data have begun to look across pollutants (criteria, toxics, greenhouse gases, etc.) and therefore need an inventory data base that integrates this information. EPA has contracted with the Eastern Research Group to apply automated facility matching routines to develop a crosswalk of matching facilities for the 1996 NET and NTI.

The next steps for this project are to:

- * Add the crosswalk information to the Facility Registry System
- * Update the crosswalk with 1996 NET Version 4 data
- * Followup on discrepancies in the names and locational data for matching facilities
- * Prepare a crosswalk for the 1999 national emission inventory, and
- * Encourage State/Local agencies to begin preparing integrated emission inventories

EIIP Workshop Planned for Fall of 2000

Dennis Beauregard, USEPA

An Emission Inventory Improvement Program (EIIP) workshop is being planned for the Fall of 2000 in Raleigh, North Carolina. The workshop is entitled "Preparing an Emission Inventory for Modeling Applications: Using the EIIP Tools and Best Demonstrated Work Practices." The purpose of the workshop is twofold: (1) provide a forum for air pollution control agency personnel to discuss technical issues related to emission inventory development and (2) obtain feedback from EIIP customers regarding use of EIIP guidance tools.

The 2 day workshop will be held at the Brownstone Hotel from October 17 - 19. Day 1 is planned as a plenary session to address material that should be of concern to all including emissions processing of inventories prior to air quality modeling. Day 2 will consist of smaller "breakout" sessions focusing on point, area and mobile source portions of emission inventories to allow for more thorough discussions of problems and solutions. The morning of the final day will be devoted to a "wrap-up" session where the proceedings of the previous day will be reported in a general session to other workshop attendees followed by a panel discussion of the workshop findings.

A notice will be posted shortly on the EIIP Web site at "<http://www.epa.gov/ttn/chief/eiip>" to provide more information. As the workshop evolves, we'll also include updates in the CHIEF Newsletter.

Update on AIRSData Douglas Solomon, USEPA

The AIRSData web site (www.epa.gov/airsdata/) has been up and running with NET data for several months now. On this site you can generate your own custom reports of NET Inventory Data. There are currently four reports available:

The Ranking Report - This report lists each 1996 NET point source in order of its pollutant emissions, ranking them from largest to smallest;

The Tier Report - This is the most flexible NET report on the site. You can summarize point, area, and mobile emissions data in a variety of ways for the years 1985 through 1998;

The SIC Report - This report lists the number of 1996 NET point sources and total air pollutant emissions for each Standard Industrial Classification (SIC); and

The Count Report - This report lists the number of sources and total air pollutant emissions for each geographic area (county, state, or EPA region).

The site is expanding to include reports on the NTI by the end of September. The NTI reports will include:

- *Ranking Report
- *Point, Area or Mobile Summary
- *MACT Category Report.

In 2001, NET and NTI data will be used to create maps and graphics on the AIRS Graphics website (www.epa.gov/agweb).



*The CHIEF
Newsletter*
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The CHIEF Newsletter is produced quarterly by the Emission Factor and Inventory Group; Emissions, Monitoring, and Analysis Division; of EPA's Office of Air Quality Planning and Standards. Its purpose is to enhance communication within the emission factor and inventory community by providing new and useful information and by allowing for the exchange of information between and among its readers. Comments on the Newsletter and articles for inclusion in it are welcome and should be directed to Emission Factor and Inventory Group (MD-14), US EPA, Research Triangle Park, NC 27711; telephone (919) 541-5285.

The contents of The CHIEF Newsletter do not necessarily reflect the views and policies of the Agency, neither does the mention of trade names or commercial products constitute endorsement or recommendation for use.

Info CHIEF's Most Frequently Asked Questions
Call (919) 541-1000 or email info.chief@epamail.epa.gov